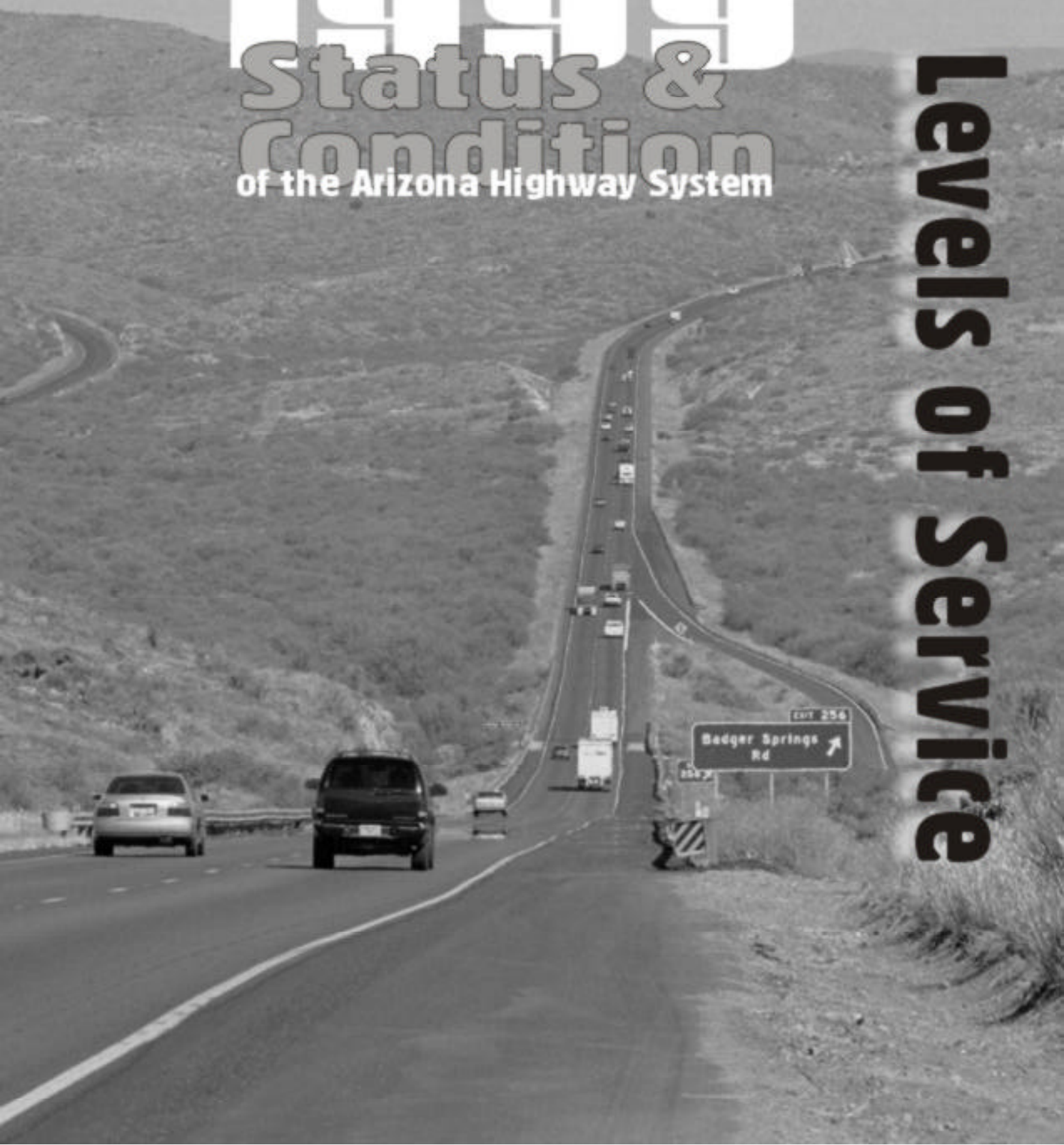


1999

Status & Condition

of the Arizona Highway System

Levels of Service



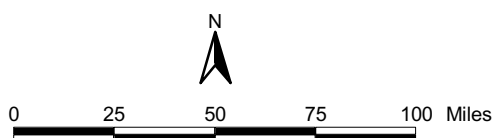
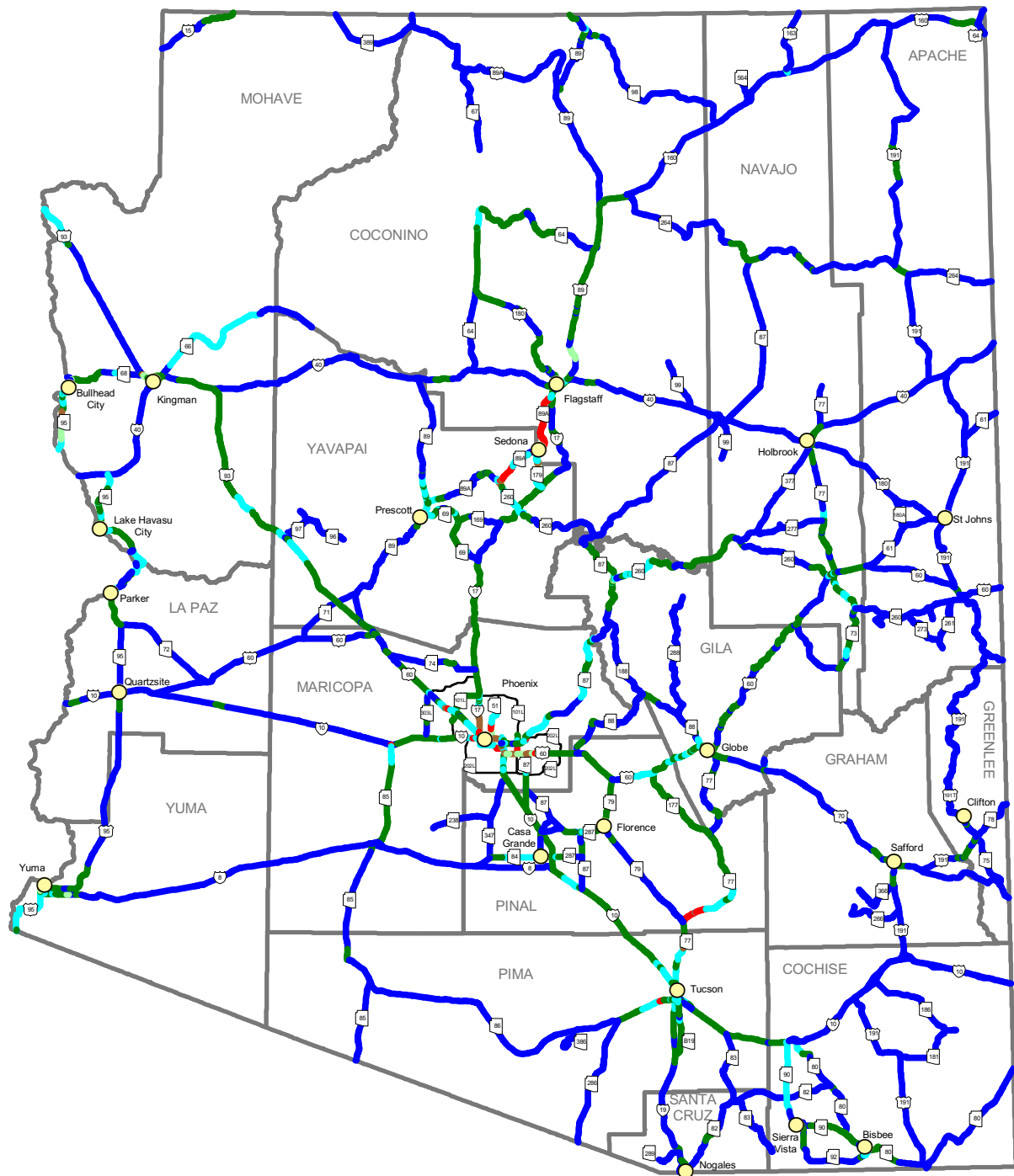
Level of Service

The Level Of Service (LOS) is derived from the range of values of the volume/ capacity ratio (v/c). The v/c ratio is the ratio of demand flow rate (volume) to capacity for a traffic facility. The volume is the number of vehicles passing a point on a lane, roadway, or other trafficway during some time interval expressed in vehicles. The time interval used in developing the v/c ratios used in this report is equal to a day. The vehicles are expressed in Annual Average Daily Traffic (AADT). The capacity is the maximum rate of flow at which vehicles can reasonably be expected to traverse a point or uniform segment of a lane or roadway during a specified time period under prevailing roadway, traffic, and control conditions. Capacity is also expressed as AADT. The LOS is a qualitative measure describing operational conditions within a traffic stream generally described in terms of such factors as speed and travel time, freedom to maneuver, traffic interruptions, comfort and convenience, and safety. The v/c ratios, the LOS and the the conditions they indicate are as follows:

V/C Ratio	LOS	Condition
0 - 0.20	A	Free flow
0.21 - 0.40	B	Free Flow with maneuverability slightly impeded
0.41 - 0.70	C	Stable flow maneuverability noticeably restricted
0.71 - 0.79	D	Stable flow, reduced speed maneuverability limited
0.80 - 0.95	E	Near capacity, speeds are low but relatively uniform
>0.96	F	Volume at or near capacity, speeds are significantly reduced.

The LOS data is mapped at the county level and inserts are used where appropriate.

1999 LEVEL OF SERVICE ON THE ARIZONA STATE HIGHWAY SYSTEM

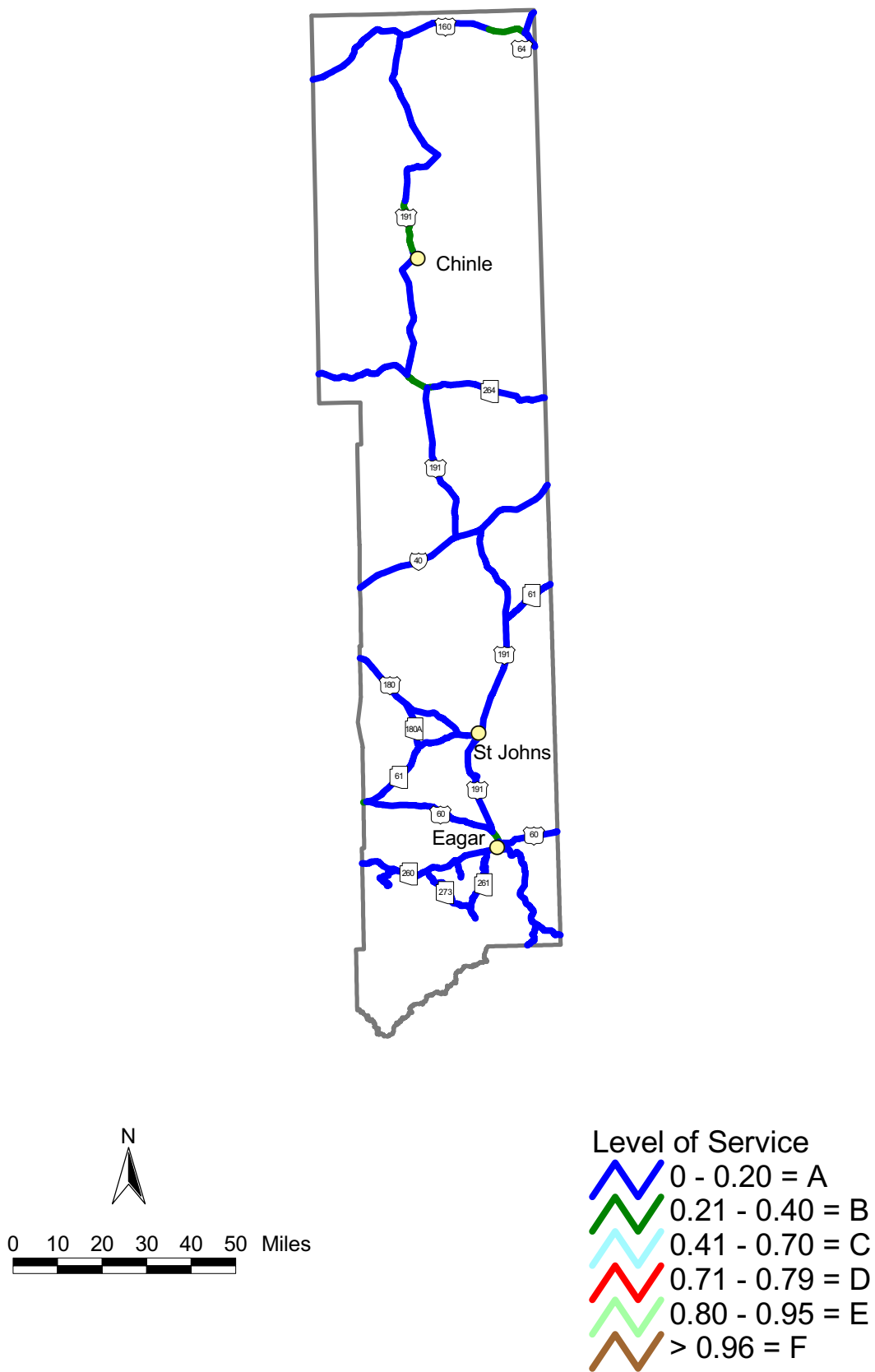


LOS in Arizona

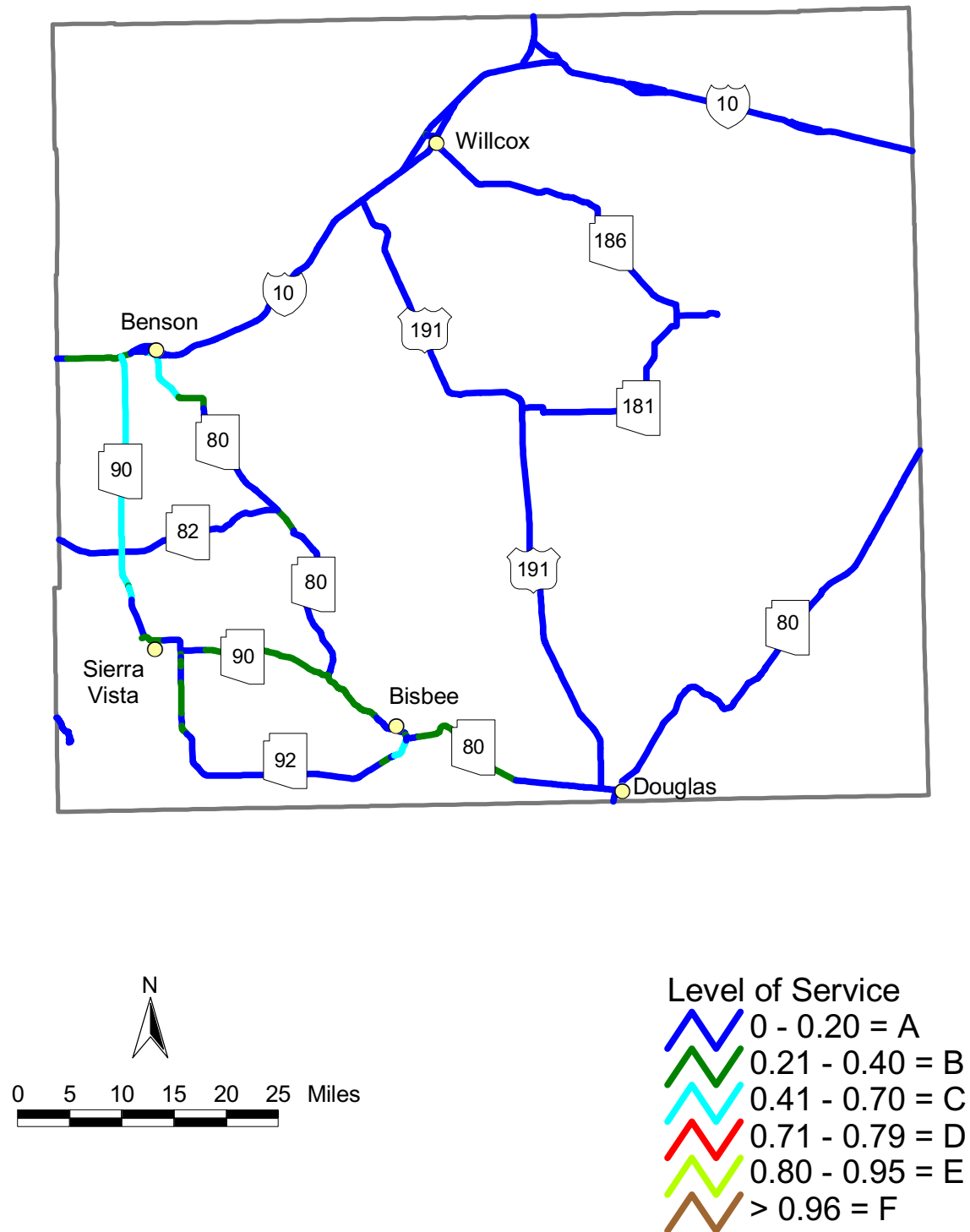
- 0 - 0.20 = A
- 0.21 - 0.40 = B
- 0.41 - 0.70 = C
- 0.71 - 0.79 = D
- 0.80 - 0.95 = E
- 0.96 - 2.0 = F

[Click on the county name \(yellow outlined area\) to go to county map](#)

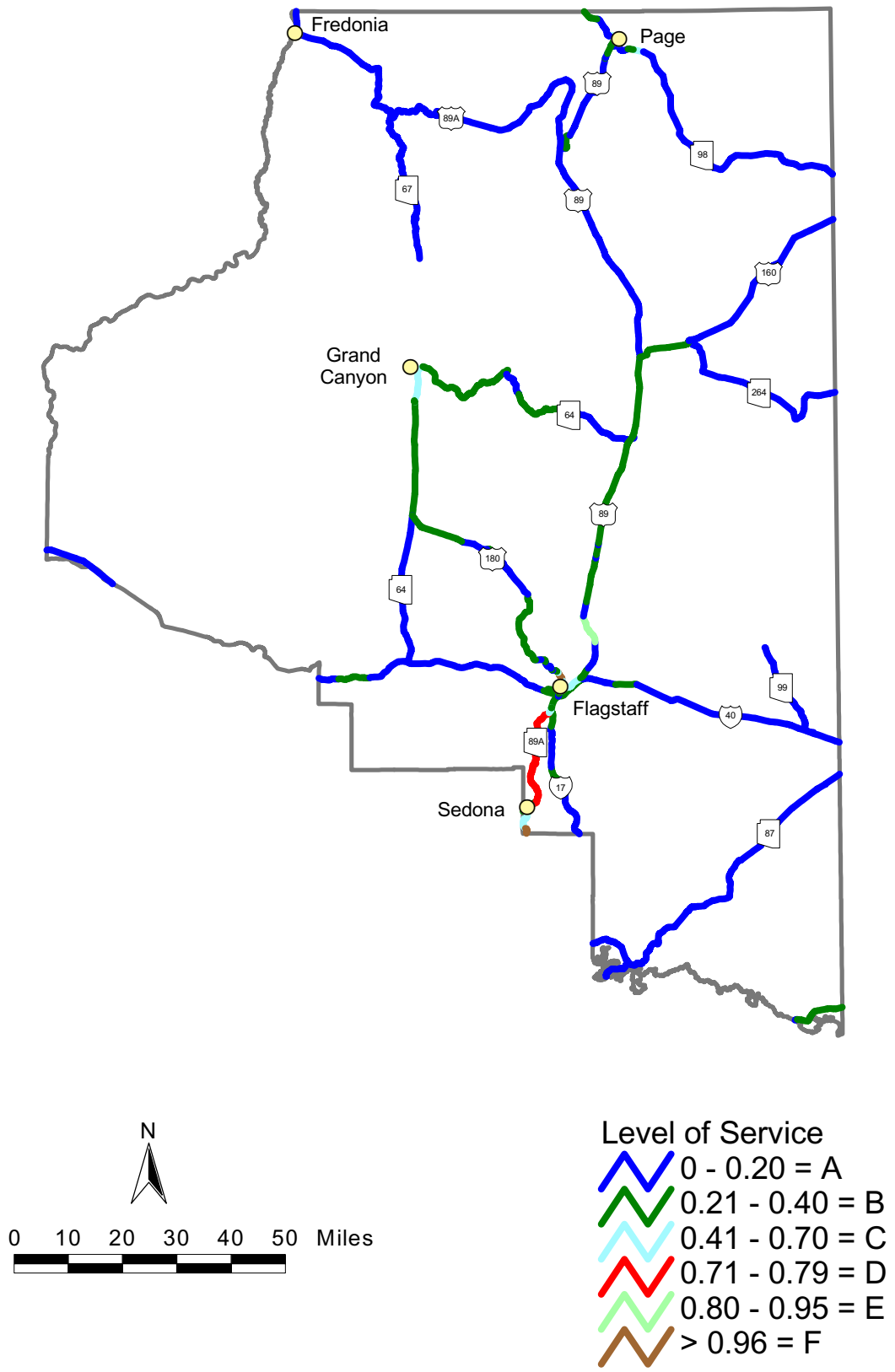
LEVEL OF SERVICE IN APACHE COUNTY



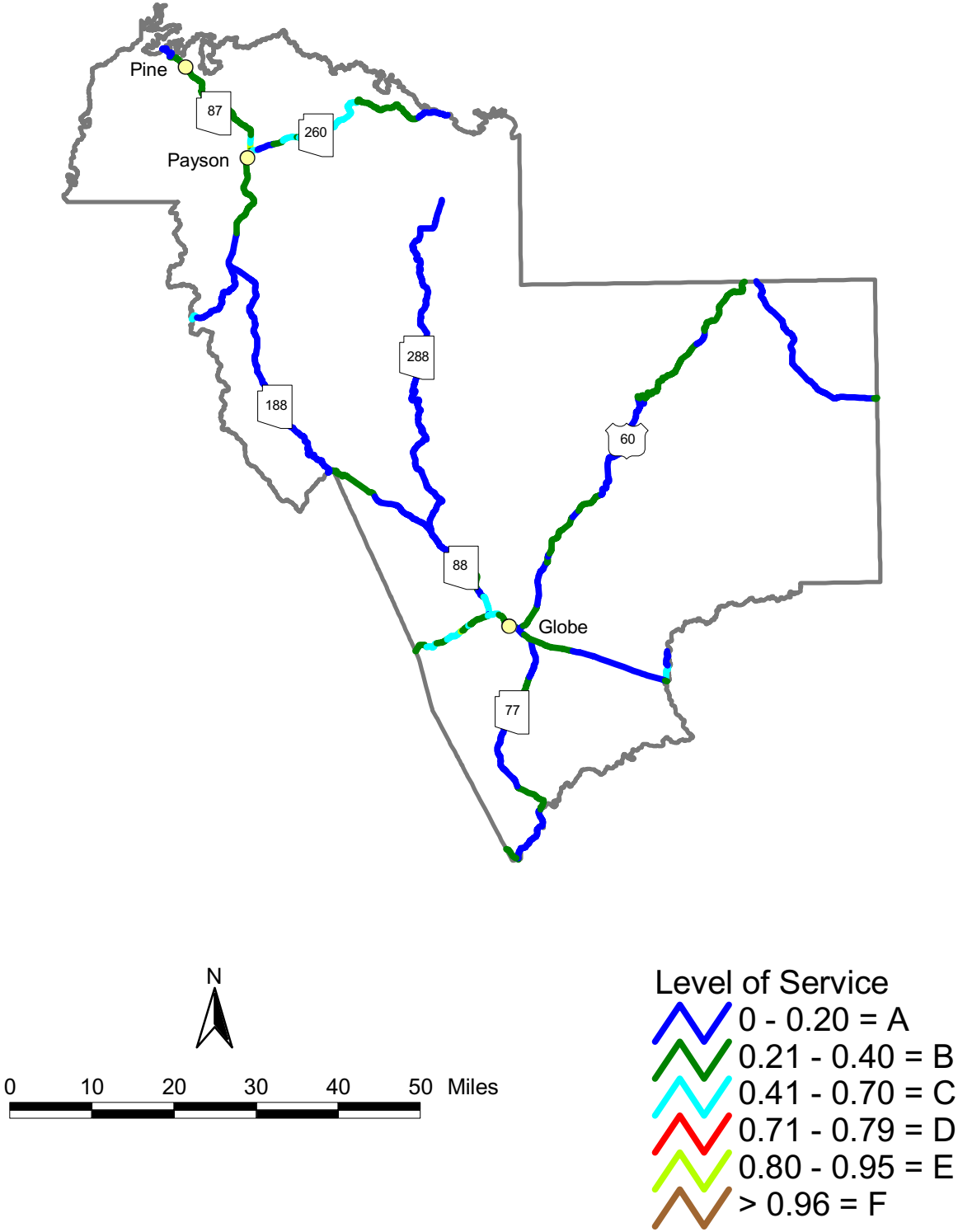
LEVEL OF SERVICE IN COCHISE COUNTY



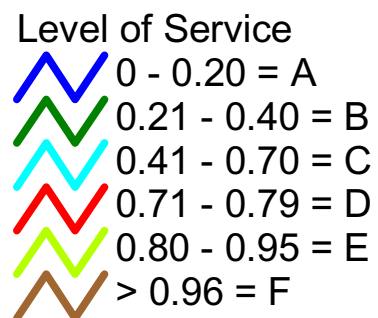
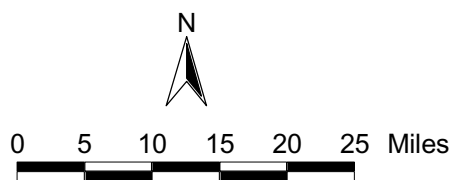
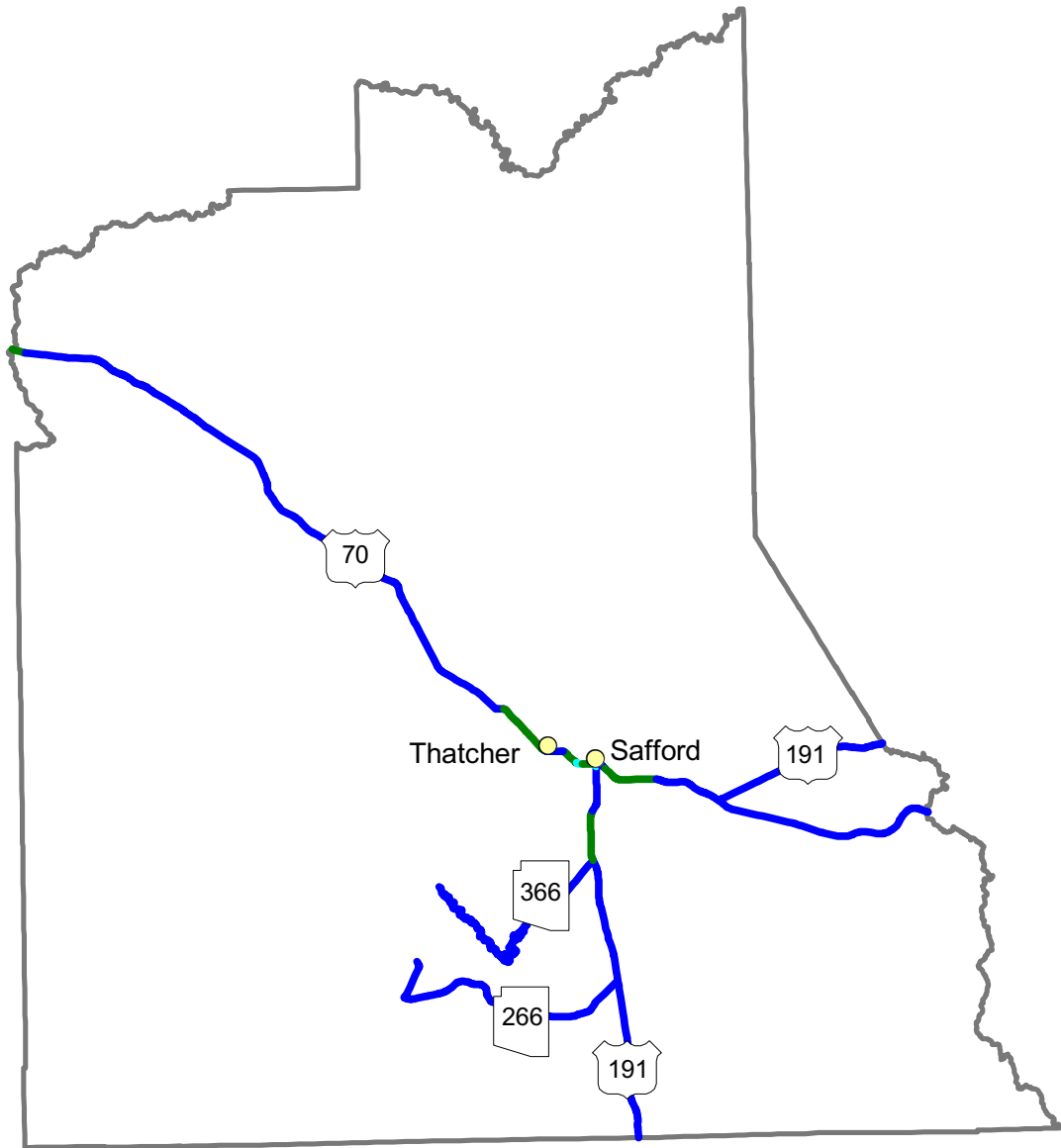
LEVEL OF SERVICE IN COCONINO COUNTY



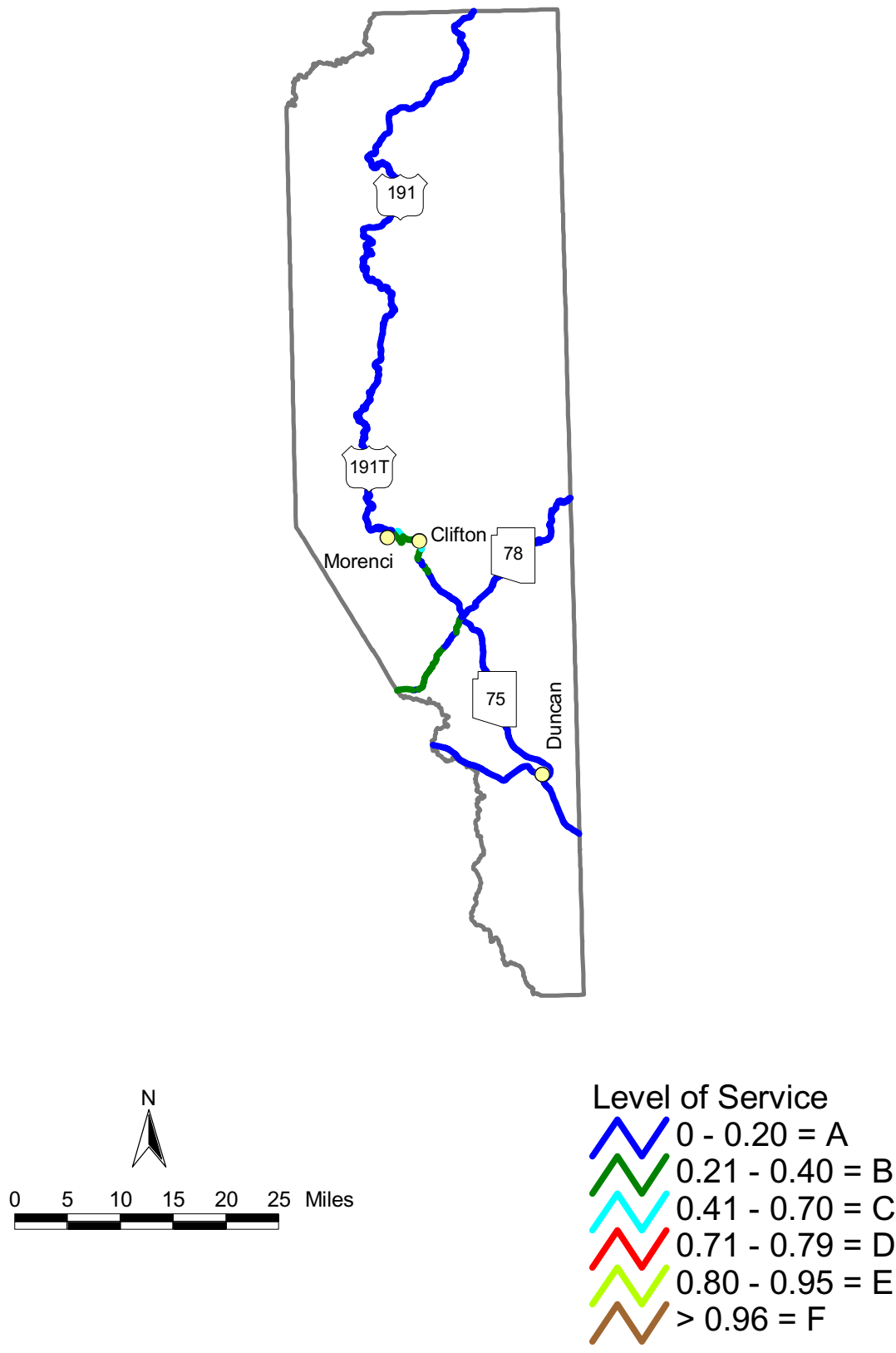
LEVEL OF SERVICE IN GILA COUNTY



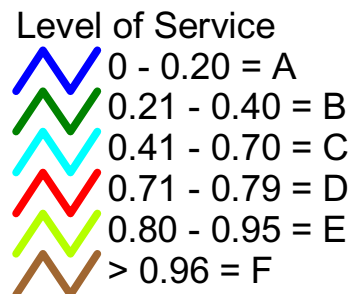
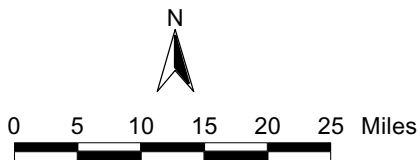
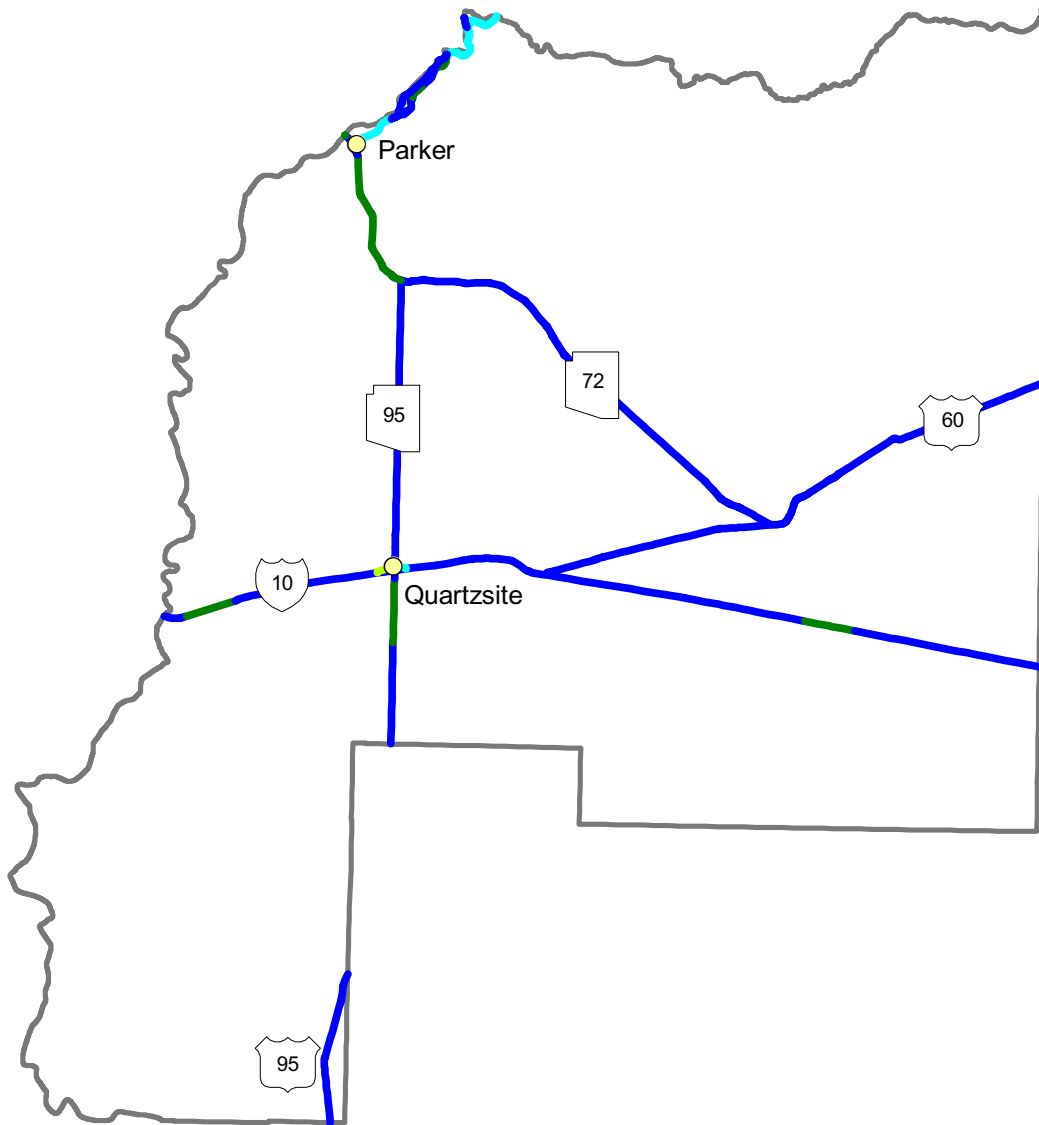
LEVEL OF SERVICE IN GRAHAM COUNTY



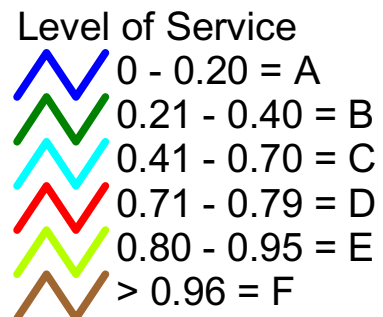
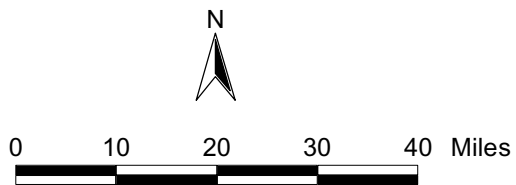
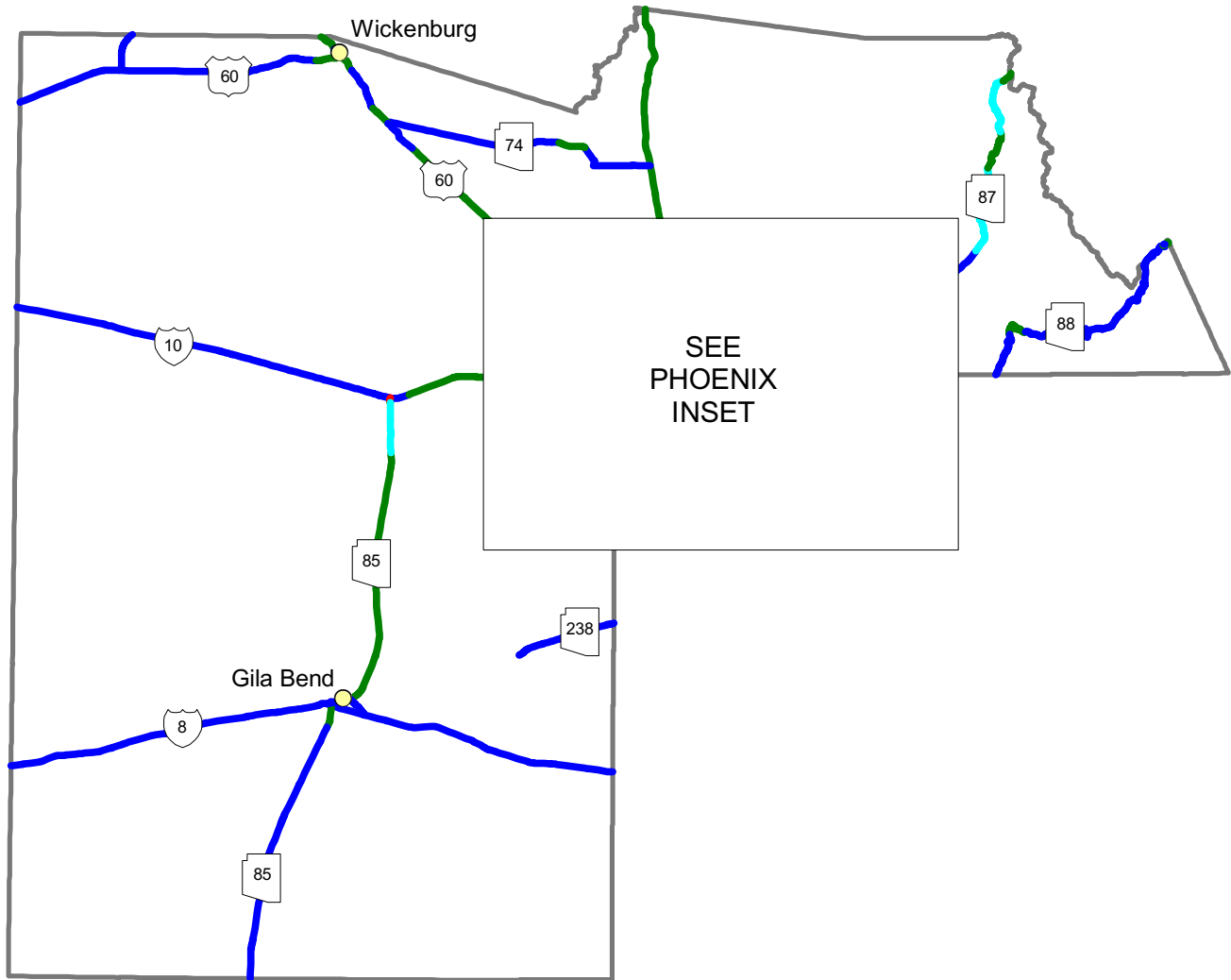
LEVEL OF SERVICE IN GREENLEE COUNTY



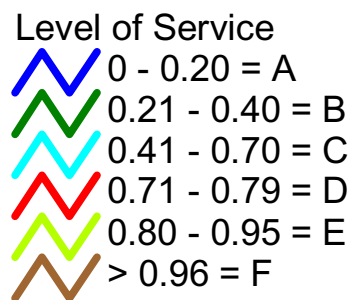
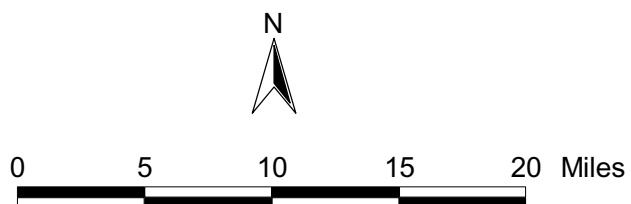
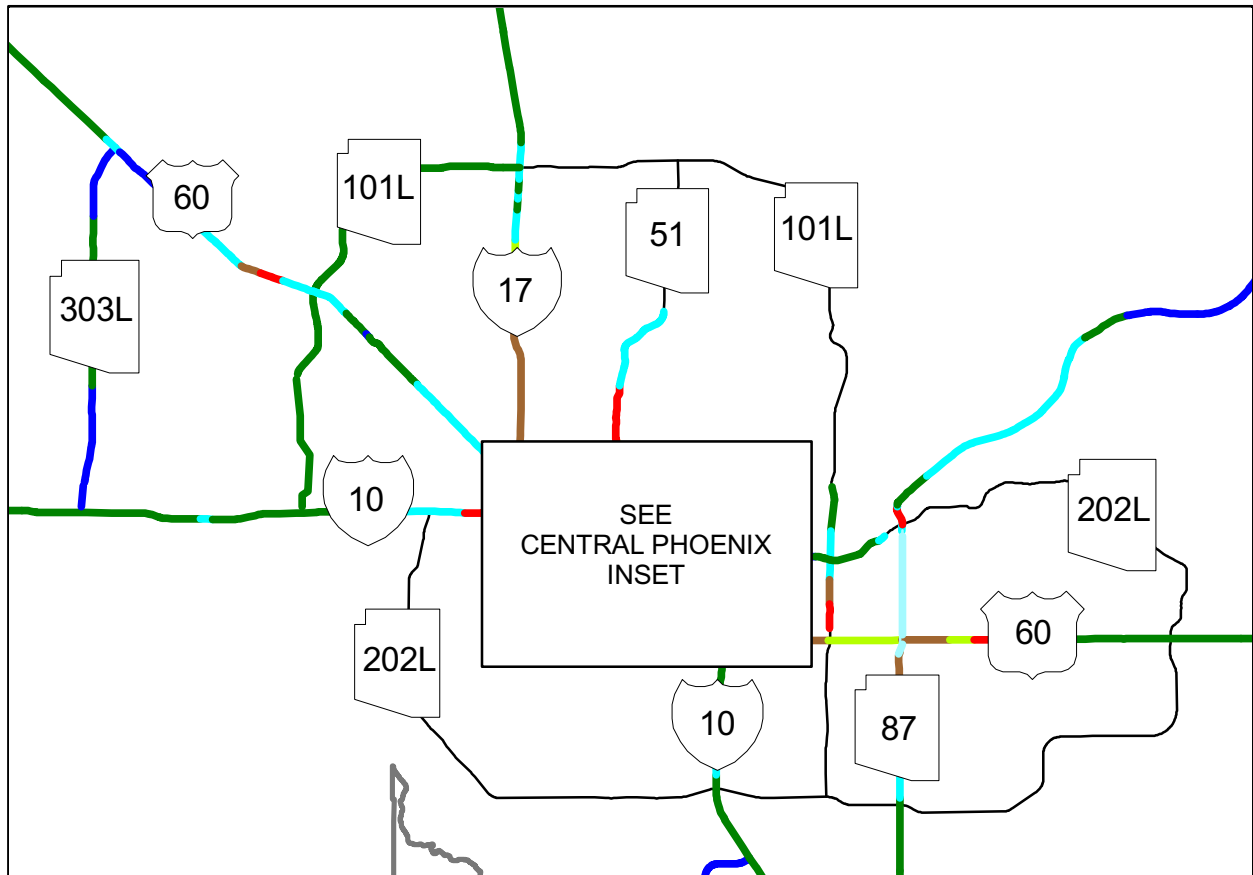
LEVEL OF SERVICE IN LA PAZ COUNTY



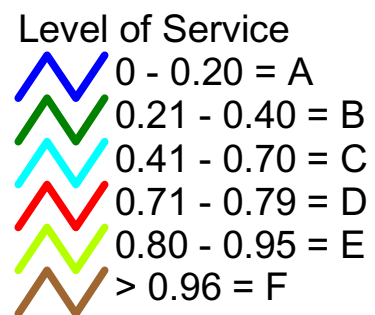
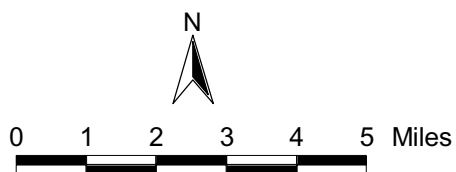
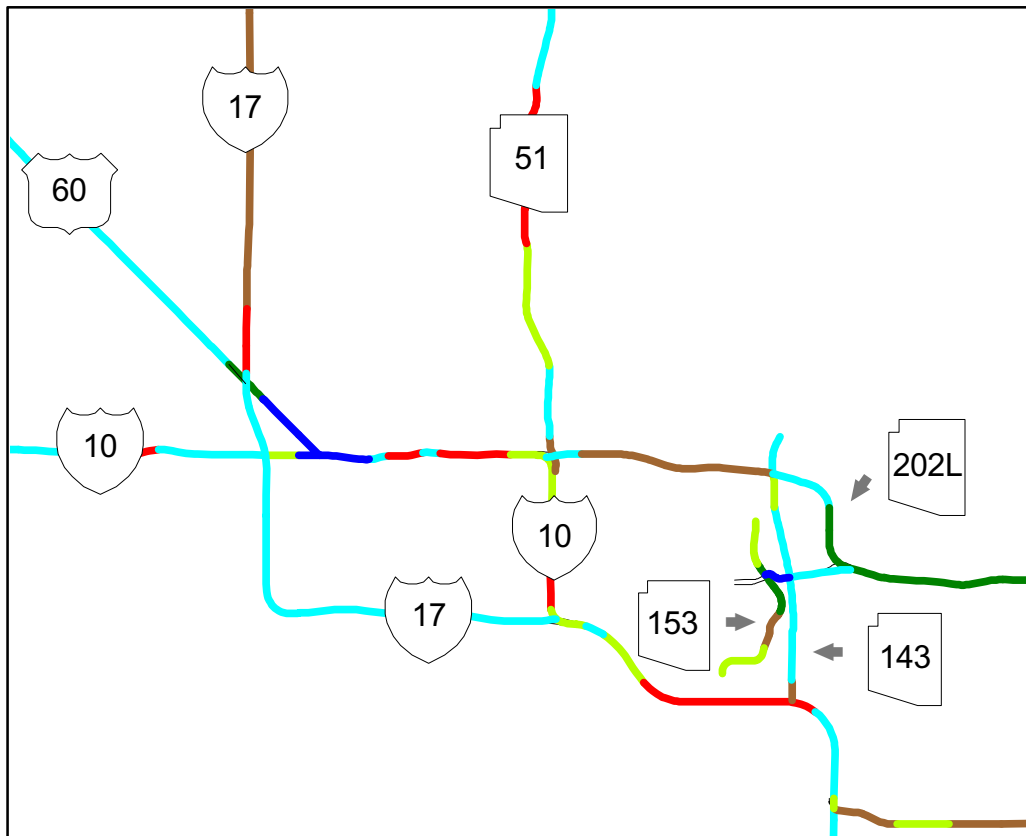
LEVEL OF SERVICE IN MARICOPA COUNTY



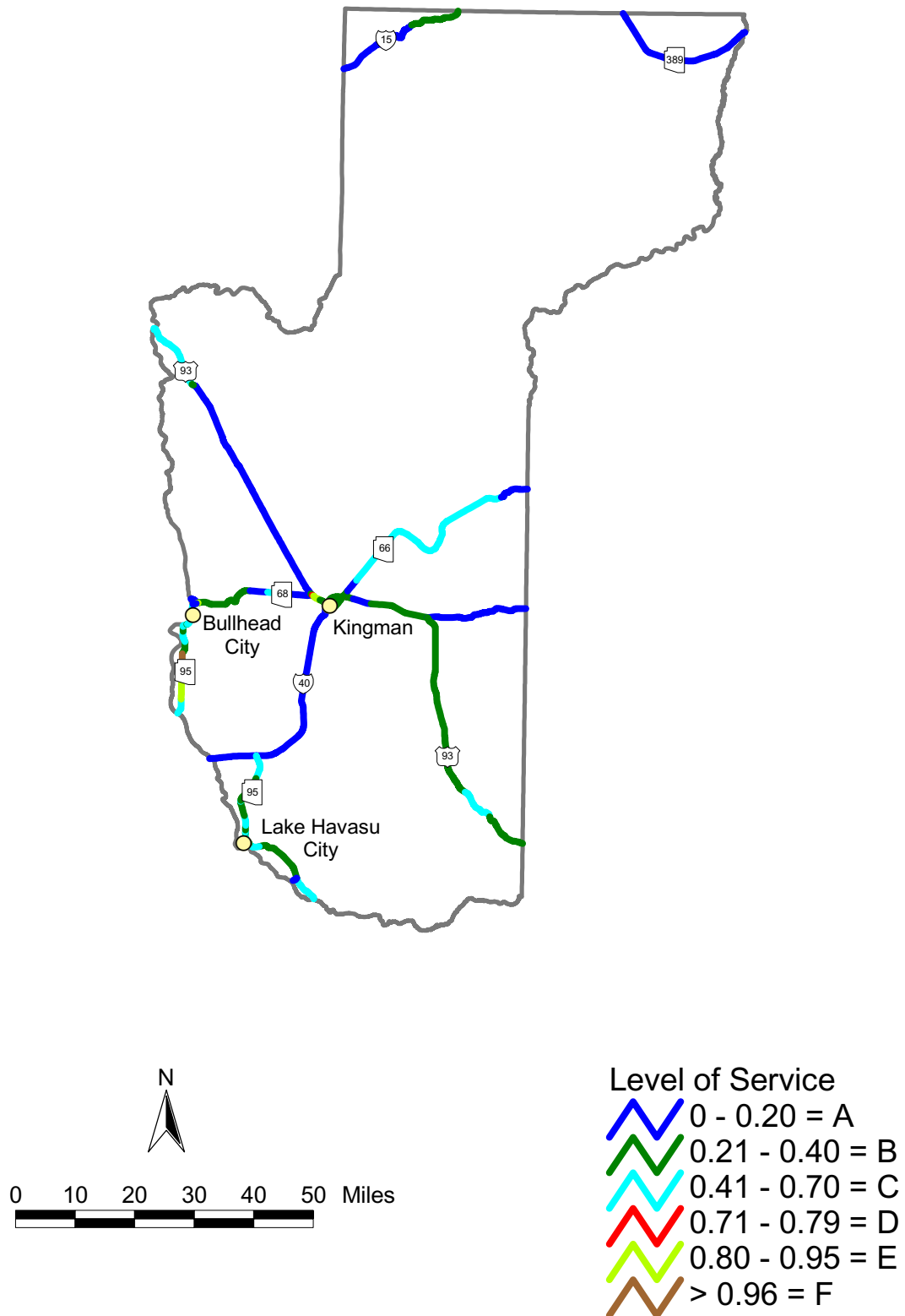
INSET LEVEL OF SERVICE IN THE PHOENIX METROPOLITAN AREA



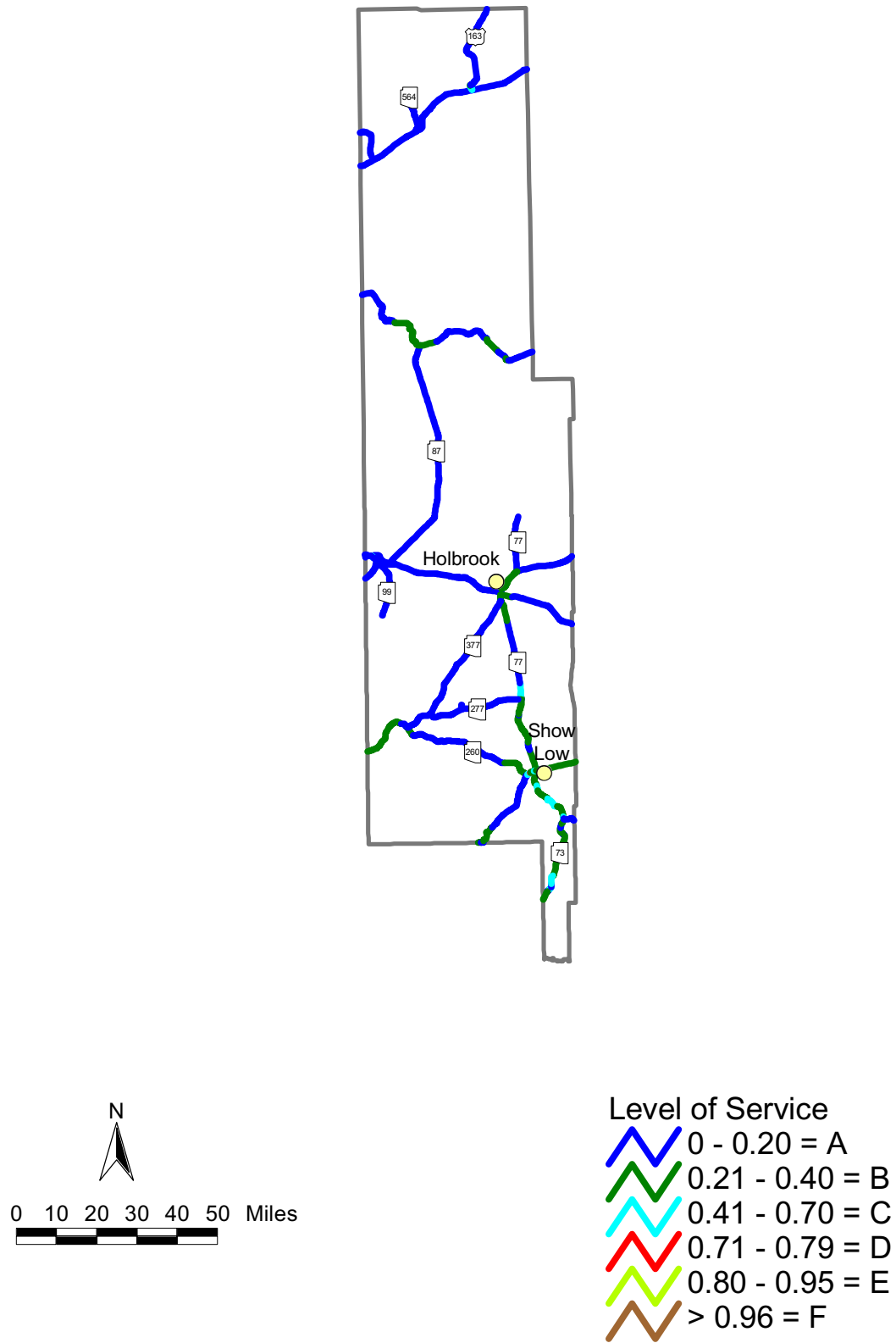
INSET LEVEL OF SERVICE IN CENTRAL PHOENIX



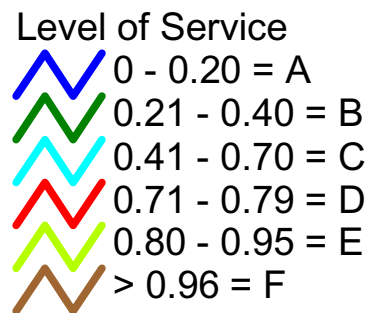
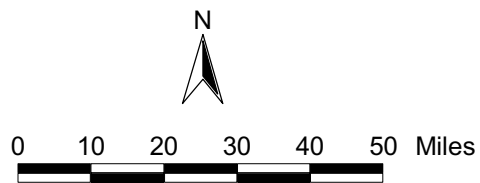
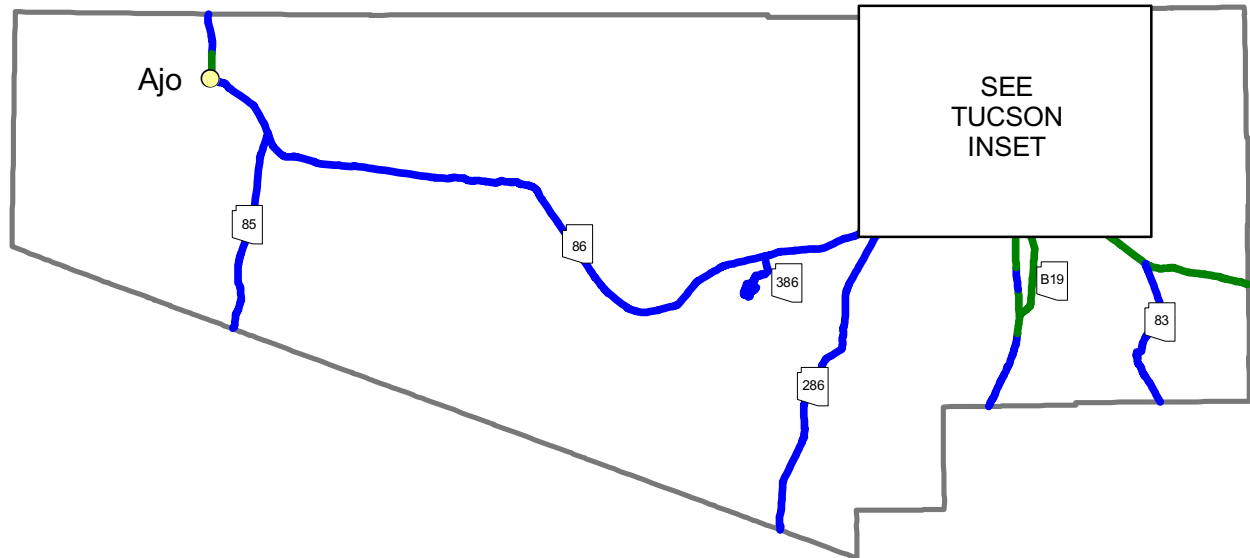
LEVEL OF SERVICE IN MOHAVE COUNTY



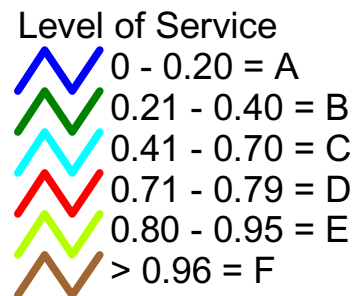
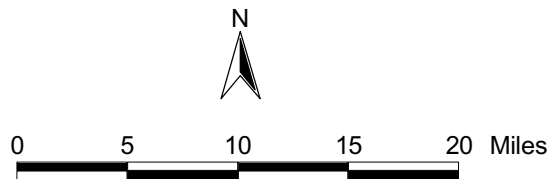
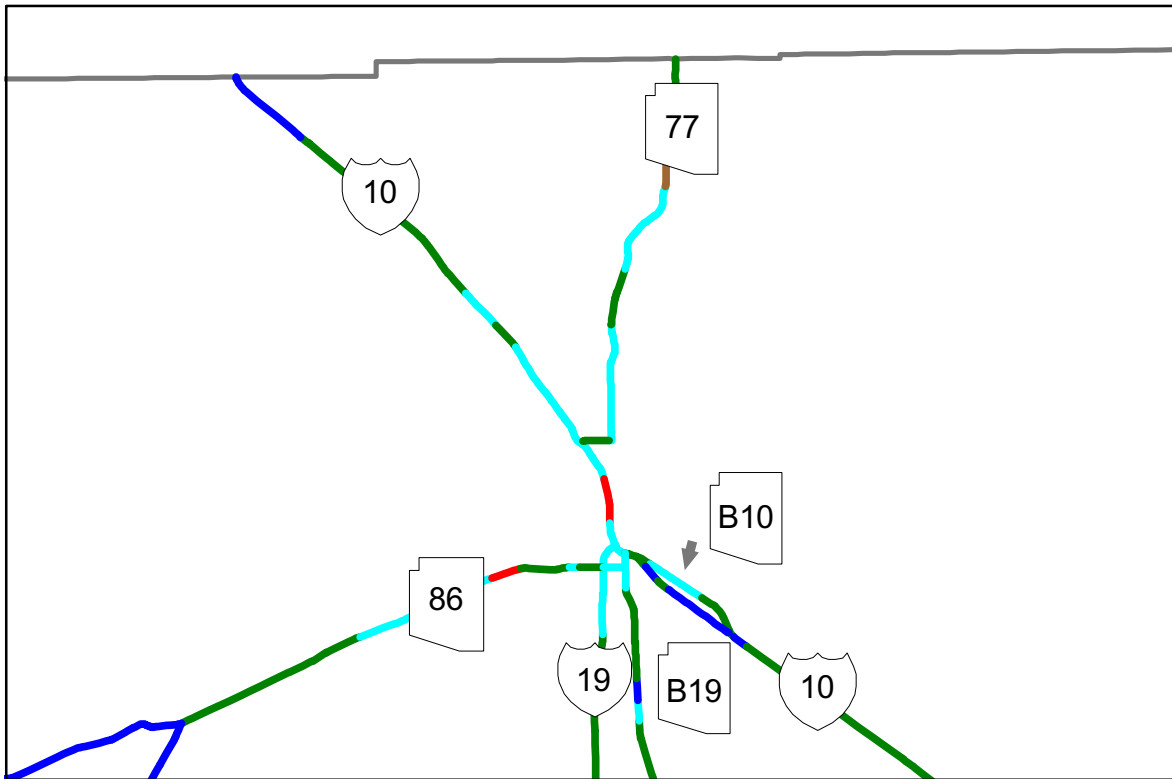
LEVEL OF SERVICE IN NAVAJO COUNTY



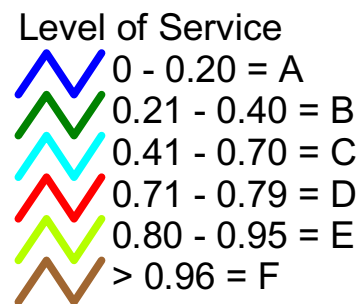
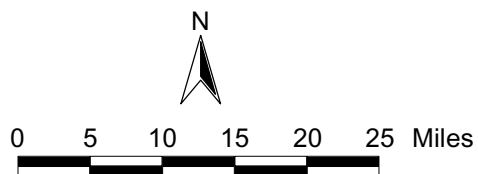
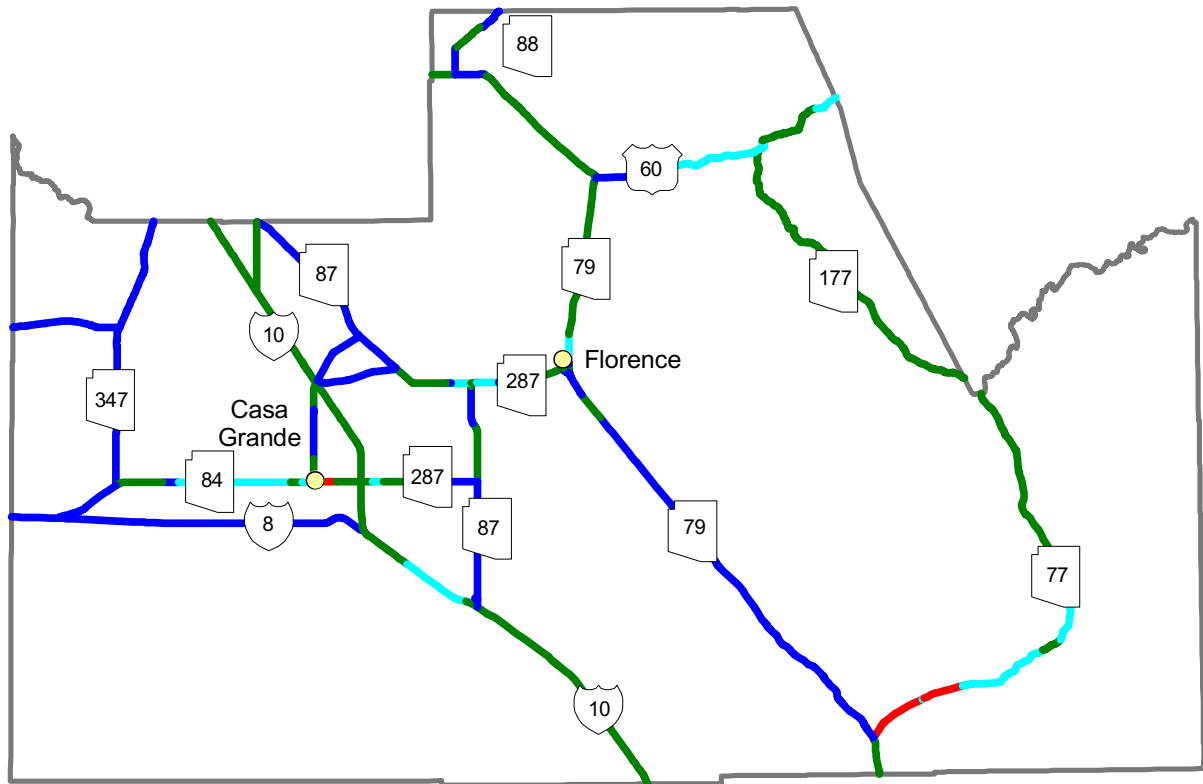
LEVEL OF SERVICE IN PIMA COUNTY



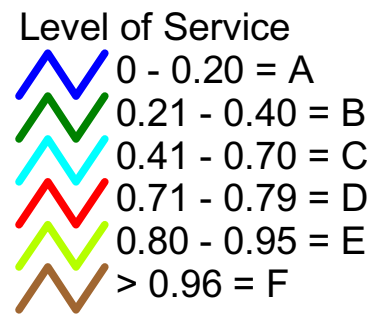
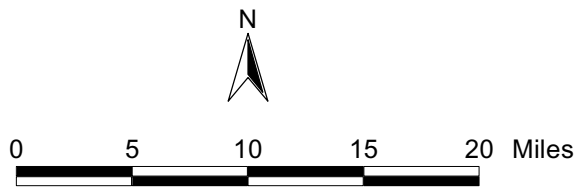
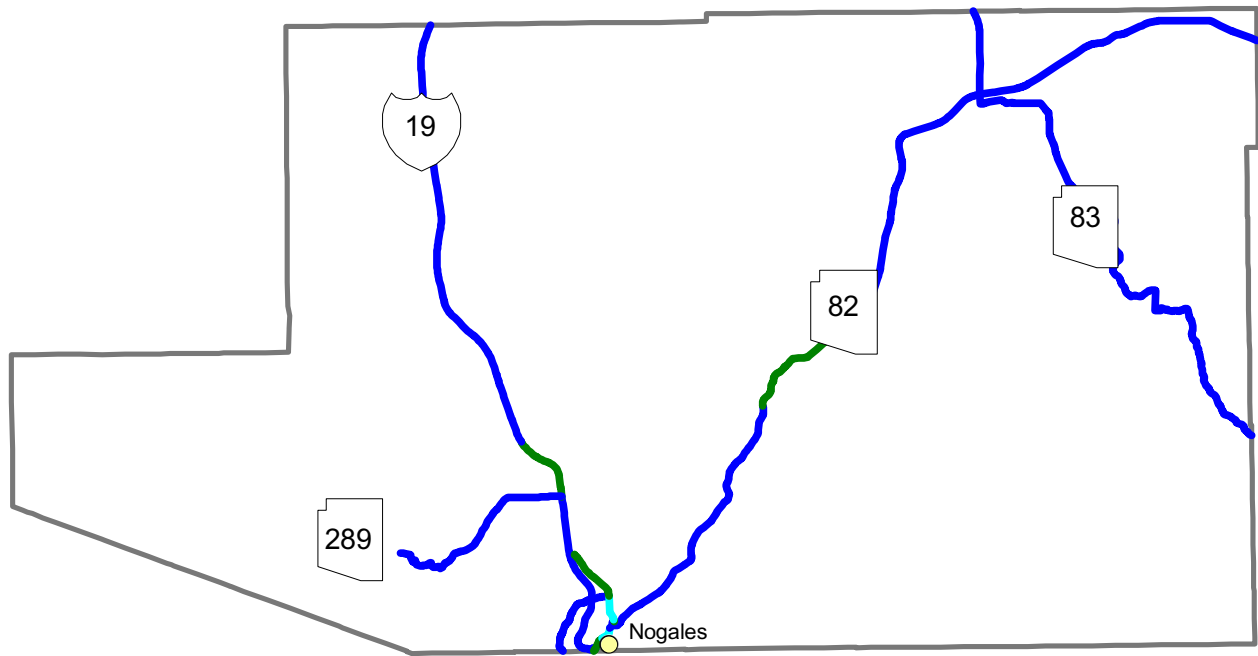
INSET LEVEL OF SERVICE IN THE TUCSON METROPOLITAN AREA



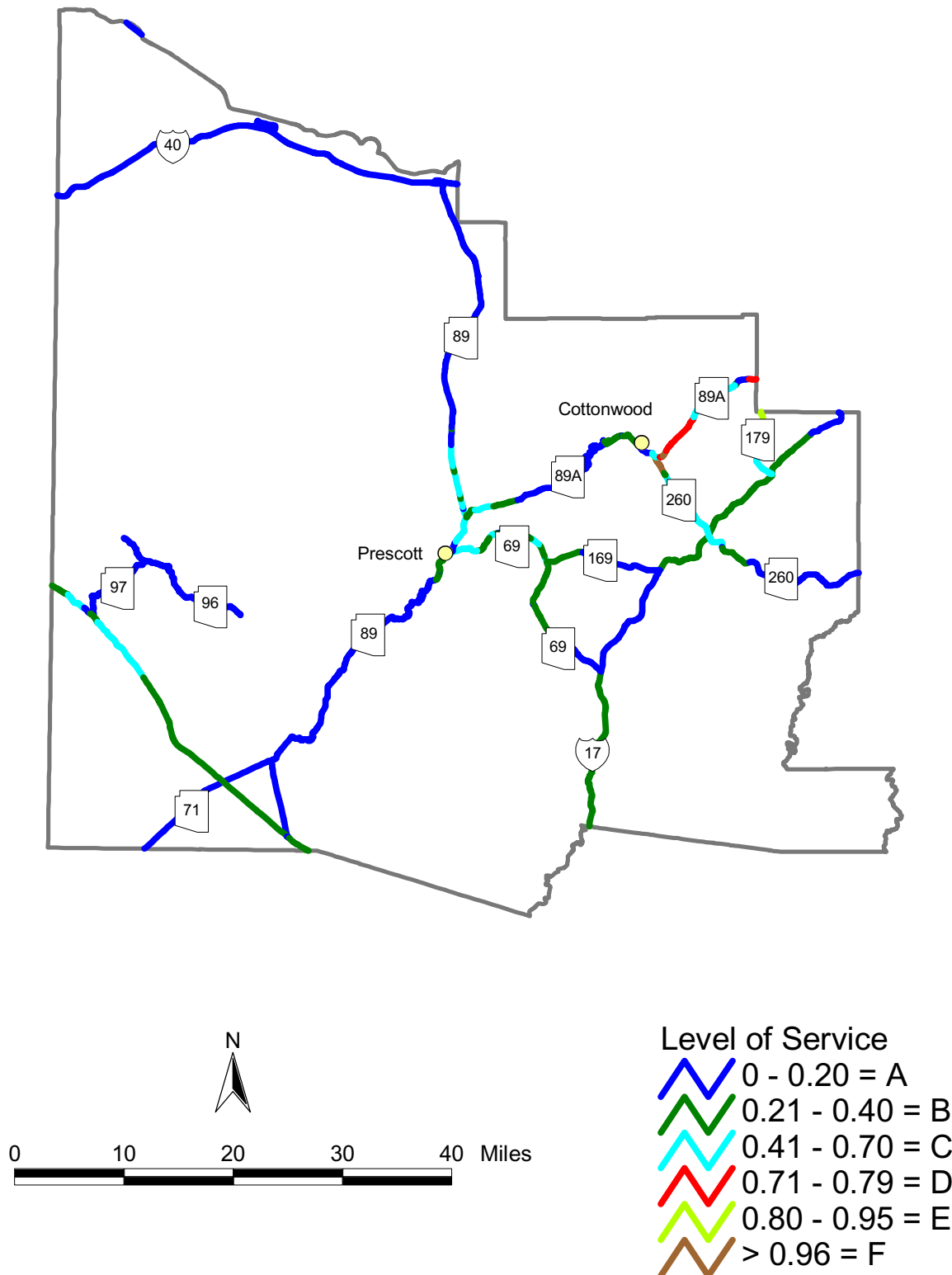
LEVEL OF SERVICE IN PINAL COUNTY



LEVEL OF SERVICE IN SANTA CRUZ COUNTY



LEVEL OF SERVICE IN YAVAPAI COUNTY



LEVEL OF SERVICE IN YUMA COUNTY

